

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 30019 PCT	<b>FOR FURTHER ACTION</b> see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/CH 03/ 00142	International filing date (day/month/year) 26/02/2003	(Earliest) Priority Date (day/month/year) 28/02/2002
Applicant GIVAUDAN SA		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 6 sheets.  
☒ It is also accompanied by a copy of each prior art document cited in this report.

## 1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐ Certain claims were found unsearchable (See Box I).

3. ☒ Unity of invention is lacking (see Box II).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☒ None of the figures.

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CH 03/00142

## Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see PCT/ISA/210 annex

### Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

**FURTHER INFORMATION CONTINUED FROM PCT/SA/ 210**

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-17 completely; 20 partially

Process of forming treated Brassica seeds and process of forming 2-furfurylthiol by treating Brassica seeds, as well as products, in particular 2-furfurylthiol, obtained thereby as well as related subject-matter.

---

2. claims: 18,19 completely; 20 partially

Consumable and preparation for consumables comprising 2-furfurylthiol at defined concentrations, as well as related subject-matter.

---

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 03/00142

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A01H5/10 A23L 21 C07D307/00

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 A01H A23L C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, FSTA, BIOSIS, MEDLINE, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 38056 A (EUROP DE CONDIMENTS ;LOUVRIER PHILIPPE (FR)) 5 December 1996 (1996-12-05) the whole document	1,3-11, 20
X	US 3 574 640 A (DOUGHERTY PAUL A JR) 13 April 1971 (1971-04-13) the whole document	1,3-11, 20
X	VELDSINK J M ET AL: "HEAT PRETREATMENT OF OILSEEDS: EFFECT IB IUK QUALITY" FETT - LIPID, WILEY-VCH VERLAG, WEINHEIM, DE, vol. 101, no. 7, July 1999 (1999-07), pages 244-248, XP000850712 ISSN: 0931-5985 the whole document	1-11,20
	-/--	

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*Z\* document member of the same patent family

Date of the actual completion of the international search

1 August 2003

Date of mailing of the international search report

02.12.03

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Kania, T.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/CH 03/00142

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	VASUNDHARA T S ET AL: "Investigations into flavouring compounds formed in roasted brown mustard (Brassica juncea Linn.)." NAHRUNG 1981 DEFENCE FOOD RES. LAB., MYSORE-10, INDIA, vol. 25, no. 7, pages 685-692, XP009014888 the whole document	1-17,20
X	SCHIEBERLE P: "Odour-active compounds in moderately roasted sesame." FOOD CHEMISTRY 1996 INST. FÜR LEBENSMITTELCHEM., LICHTENBERGSTR. 4, D-85748 GARCHING, GERMANY, vol. 55, no. 2, pages 145-152, XP002249876 the whole document	14,15
A	HOFMANN T ET AL: "QUANTITATIVE MODEL STUDIES ON THE EFFECTIVENESS OF DIFFERENT PRECURSOR SYSTEMS" JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, AMERICAN CHEMICAL SOCIETY. WASHINGTON, US, vol. 46, 1998, pages 235-241, XP002146237 ISSN: 0021-8561	
E	WO 03 041515 A (BERCHTOLD PETER FRANCIS ;WEIDEMAN ANDRIES WILHELM JOHAN (ZA)) 22 May 2003 (2003-05-22) page 4 - page 9	1-8,11, 20

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/CH 03/00142

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9638056	A	05-12-1996	FR	2734689 A1	06-12-1996
			CA	2196160 A1	05-12-1996
			EP	0773724 A1	21-05-1997
			WO	9638056 A1	05-12-1996
US 3574640	A	13-04-1971	BE	701190 A	18-12-1967
WO 03041515	A	22-05-2003	WO	03041515 A1	22-05-2003